

20. The method of claim 17, wherein the tip oscillates at a frequency essentially equal to a repetition frequency of the packets.

21. The method of claim 18, wherein the pulses have a pulse frequency that is approximately equal to a natural frequency of the transducer.

~~22.~~ A method for performing an ophthalmic procedure, comprising:
inserting a tip into a cornea through an incision point; and,
transmitting a plurality of packets of pulses to a transducer that oscillates the tip, the pulses being provided so that the tip operates at a temperature below a temperature that will denature the cornea.

23. The method of claim 22, wherein the pulses have a pulse frequency that is approximately equal to a natural frequency of the transducer.

24. The method of claim 22, wherein the transducer does not resonate.

25. The method of claim 22, wherein the tip oscillates at a frequency essentially equal to a repetition frequency of the packets.

~~26.~~ A method for operating a medical handpiece that includes a tip that is oscillated by a transducer, comprising:

transmitting a plurality of packets of pulses to the transducer to oscillate the tip, the packets having a duration that prevents resonance of the transducer, the pulses having a pulse frequency that is approximately equal to a natural frequency of the transducer.

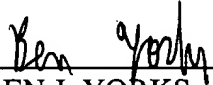
27. The method of claim 26, wherein the packets are separated by pauses that have a duration that prevents a generation of a significant amount of heat by the tip.

28. The method of claim 22, wherein the tip oscillates at a frequency essentially equal to a repetition frequency of the packets.

The applicant hereby requests the Examiner enter and examine newly added claims
17-28.

Respectfully submitted,
IRELL & MANELLA LLP


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BEN J. YORKS
Reg. No. 33,609

840 Newport Center Drive, Suite 400
Newport Beach, CA 92660
949-760-0991

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